(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. FIS920030311US1

Total Pages in this Submission

0.S.PTO 696151

TO THE COMMISSIONER FOR PATENTS

Mail Stop Patent Application P.O. Box 1450 Alexandria, VA 22313-1450

Alexandria, VA 22313-1450 Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled: DRAM CELL WITH BURIED COLLAR AND SELF-ALIGNED BURIED STRAP and invented by: CHENG, Kangguo DIVKARUN, Ramachandra BRONNER, Gary Bela RADENS, Carl John GLUSCHENKOV, Oleg G. If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information: ☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: Which is a: ☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: Which is a: ☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: Enclosed are: **Application Elements** Filing fee as calculated and transmitted as described below pages and including the following: Specification having 30 2. Descriptive Title of the Invention a. 🛛 b. Cross References to Related Applications (if applicable) Statement Regarding Federally-sponsored Research/Development (if applicable) Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix d. 🗆 e. 🛛 Background of the Invention f. 🛮 Brief Summary of the Invention Brief Description of the Drawings (if filed) g. 🛛 **Detailed Description** h. 🛛 i. 🛛 Claim(s) as Classified Below i. 🛛 Abstract of the Disclosure

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Application Elements (Continued)

3.		Drawing(s) (when necessary as prescribed by 35 USC 113)						
	a.	X	Formal	Number of Sheets 8				
	b.		Informal	Number of Sheets				
4.	X	Oath or Declaration						
	a.	☑ Newly executed (original or copy) ☐ Unexecuted						
	b.	☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)						
	c.	☑ With Power of Attorney ☐ Without Power of Attorney						
	d.	DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).						
5.		Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.						
6.		CD	ROM or CD-R in o	uplicate, large table or Computer Program (Appendix)				
7.		App	lication Data Shee	(See 37 CFR 1.76)				
8.		Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)						
	a.	☐ Computer Readable Form (CRF)						
	b.		☐ Specification Sequence Listing on:					
		i. CD-ROM or CD-R (2 copies); or						
		ii. 🔲 Paper						
	C.	Statement(s) Verifying Identical Paper and Computer Readable Copy						
				Accompanying Application Parts				
9.		Assignment Papers (cover sheet & document(s))						
10.		37 CFR 3.73(B) Statement (when there is an assignee)						
11.		English Translation Document (if applicable)						
12.		Information Disclosure Statement/PTO-1449 Copies of IDS Citations						
13.		Preliminary Amendment						
14.	X	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)						
15.		Certified Copy of Priority Document(s) (if foreign priority is claimed)						
16.	X	Се	tificate of Mailing					
			First Class	Express Mail (Specify Label No.): ER370159738US				

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	Accompanying Application Parts (Continued)						
17.		Additional Enclosures (please identify below):					
		Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)					
18.		Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.					
		Warning					
		An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.					

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Fee Calculation and Transmittal

		CLAIMS	AS FILED			
For	#Filed	#Allowed	#Extra		Rate	Fee
Total Claims	20	- 20 =	0	x	\$18.00	\$0.00
Indep. Claims	3	- 3 =	0	×	\$86.00	\$0.00
Multiple Dependent Claims (check if applicable)						
BASIC FEE						\$770.00
OTHER FEE (speci	fy purpose)					\$0.00
TOTAL FILING FEE						
 □ A check in the amount of to cover the filing fee is enclosed. ☑ The Director is hereby authorized to charge and credit Deposit Account No. 09-0458 as described below. ☑ Charge the amount of \$770.00 as filing fee. ☑ Credit any overpayment. ☑ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17. □ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b). 						
Dated: October 29,	2003			loward M 1625 Cha	•	

CC:

Cleveland, Ohio 44122 (216)752-0955 phone (216)752-0957 fax

CERTIFICATE OF		Docket No.					
Applicant(s): Cheng et a			FIS920030311US1				
Serial No.	Filing Date concurrently herewith	Examiner		Group Art Unit			
Invention: DRAM CELL WITH BURIED COLLAR AND SELF-ALIGNED BURIED STRAP							
I hereby certify that the following correspondence: UTILITY PATENT APPLICATION TRANSMITTAL							
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CFR 1.10 in an envelo	ope addressed to: Commissioner	for Patents, P.O. Box 1450,	Alexar	dria, VA 22313-1450 on			
	October 29, 2003						
	(Date)						
		Catherine S	Sankfa				
		(Typed or Printed Name of Person					
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		(achery s		J			
		(Signature of Person Maili	ing Corre	rspondence)			
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	(Date)						
		Catherine S					
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	(Signature of Person Mailing Correspondence)						
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Applicant(s): Cheng et a		FIS920030311US1					
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CFR 1.10 In an enveio	pe addressed to. Commissioner	for Patents, P.O. Box 1450, Alex	anuna, VA 22515-1450 on				
	October 29, 2003						
	(Date)						
		Catherine Senk	for				
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		as					
		(Signature of Person Mailing Co	rrespondence)				
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